

Nurzhan Kanatzhanov

🐱 Personal portfolio

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Education

Washington University in St. Louis (St. Louis, MO)

August 2017–December 2021 (Anticipated)

- Candidate for Joint B.S./M.S. degree in Computer Science with a Second Major in Finance | 3.77 GPA.

Work Experience

Software Development Intern, Sharp Coffee LLC (St. Louis, MO)

June 2020–August 2020

Languages & Technologies: Next.js, React JS, Python, PostgreSQL, Jupyter Notebooks

- Customized the product's web application to include clients' new space management needs due to COVID-19.
- Developed multiple data analytics scripts in Python from raw data to get key performance metrics and other measures deemed significant business units.
- Designed a central data analytics dashboard with Next.js to optimize the space administration and reduce "ghosting" of reservations by visualizing key statistics for space managers.

Information Technology Intern, Lean Solutions (Almaty, Kazakhstan)

May 2019–July 2019

Languages & Technologies: MySQL, Microsoft Excel, OpenStreetMap

- Utilized the online mapping platform OpenStreetMap (OSM) to digitize maps of towns and counties, resulting in the digitization of 110 towns in the East Kazakhstan region.
- Collected data for cartography from local authorities for the unification of public services via an interactive "geoportal" as a part of a government-sponsored project.
- Conducted weekly progress reports and organized the team's Scrum board to isolate and assign specific tasks.
- Tested the geoportal for bugs, mistakes, and data inconsistencies using SQL queries.

Web Development Teaching Assistant, Washington University (St. Louis, MO)

August 2019–Present

Languages & Technologies: HTML5, CSS, JavaScript, React

- Reviewed teaching materials with students, held group help sessions, and graded web assignments and labs.
- Taught the fundamentals of web development, including HTML, CSS, Bootstrap, JavaScript, and React.

Web Development Intern, Asia-Soft Ltd. (Almaty, Kazakhstan)

June 2018–August 2018

Languages & Technologies: HTML5, CSS, JavaScript

- Assisted with daily web design projects for multiple customers.
- Renovated the company's website to improve user experience and usability with modern SEO practices.

Other Activities

Competition Judge, Data.org & DataKind Inclusive Growth and Recovery Challenge

July 2020–August 2020

- Selected as a volunteer reviewer by DataKind to support the data.org Inclusive Growth and Recovery Challenge to apply technical and sector expertise to the first stage of application reviews.
- Provided quantitative and qualitative feedback on a subset of applications from the Sub-Saharan and North African regions that identified data science and AI solutions that aimed to spur inclusive growth.

International Student Leader (St. Louis, MO)

March 2019–December 2019

- Lead an undergraduate fall semester orientation for new international exchange/transfer students.
- Served as a member of the search committee for a new Vice Chancellor for the Center of Diversity and Inclusion.

Skills

Proficient: HTML5/CSS, JavaScript (ES6+), React JS (Redux, Next.js), Python, Node.js, Microsoft Office Suite.

Competent: Java, MySQL, Swift, Angular, PHP, Git, \LaTeX , Agile SDLC.

Prior Experience: C++, AWS (EC2), MatLab, Visual Basic (VBA), TypeScript, OpenStreetMap (OSM).

Language Fluency: English, Russian, Kazakh.